Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 29 Apr 2023 until 23:59 on Sunday 30 Apr 2023

Forecast Issued on Friday 28 Apr 2023 at 15:12

Confidence: Moderate confidence for a cloudy Saturday, with periods of rain. High confidence for sunny spells and showers Sunday, but lower confidence in the cloud amounts and thunderstorm risk. Also Moderate confidence for a gradual improvement Bank Holiday Monday, with the shower risk receding. Confidence becoming low for the details thereafter.

Headline for Saturday 29 Apr 2023: Cloudy with outbreaks of rain, heavy at times.

Mountain weather hazards on Saturday 29 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Cloudy	Cloudy	Light rain	Heavy Rain	Cloudy	Dull
Precipitation probability							
20%	20%	20%	30%	30%	40%	30%	30%

Forecast for Saturday 29 Apr 2023

Weather: Cloudy during the early hours with a few spots of rain. Staying rather cloudy for much for the day, with further outbreaks of rain and drizzle, these turning heavy at times during the afternoon. The odd brighter interval cannot be ruled out, however these will be very limited.

Chance of cloud-free hill tops above 600m: 30%, best chances in the west.

Low Cloud and visibility: Cloud on summits above 500m for much of the day, and potentially as low as 300m across some eastern hills. Best of any clearer spells likely during the morning in the west. Visibility likely to be Moderate to Poor for much of the day, especially during rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 29 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 SW	3/5 S	4/8 E	7/10 E	7/11 E	8/12 E	8/12 E	5/12 E	6/11 SE
300	2/5 SW	2/4 N	2/7 E	6/9 E	6/11 SE	6/11 SE	6/12 E	4/10 E	4/10 E
Valley	1/4 SW	2/3 E	3/6 E	4/8 S	5/11 SE	6/11 S	6/12 E	6/12 E	5/10 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	7/6	7/5	7/5	8/6	8/6	7/5	7/5	6/5
300	6/6	6/5	8/7	10/9	10/9	11/10	10/9	8/7	8/7
Valley	8/7	7/7	9/8	12/11	12/11	13/12	12/11	10/9	10/9
Freezing Level*	1700m	1700m	1800m	1800m	1900m	2000m	2000m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather dull day with extensive cloud and outbreaks of rain possible. Views will be limited, especially from the higher tops. Warm, waterproof layers essential.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 28 Apr 2023	2.2mm	2.2mm	2.2mm

Forecast for Sunday 30 Apr 2023

Weather: Thickening cloud and outbreaks of rain spreading east during the early hours. These continuing through the day, but breaking into occasional heavy showers with one or two slow moving heavy thunderstorms possible. Heaviest showers are likely to be in the east. Some brighter spells possible.

Maximum wind: Southwesterly 15mph gusting 25mph

Chance of cloud-free hill tops above 600m: 30% rising to 70% by midday away from western upslopes.

Low Cloud and visibility: Cloud on summits above 400m, rising to 600m during the day, and above many tops in the east. Some cloud likely returning to hills above 600m with any showers. Moderate views likely of distant peaks likely when outside of or below the clouds. This visibility falling to poor during any heavy showers or thunderstorms.

Temperature: **Valleys:** Plus 5 rising to Plus 16 Celsius
At 600m: Plus 5 rising to Plus 8 Celsius
Freezing level: Above the summits.

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